

Title (en)

Secondary battery with protection circuit module and method of manufacturing the same

Title (de)

Sekundärbatterie mit Schutzschaltungsmodul und Verfahren zu deren Herstellung

Title (fr)

Batterie secondaire avec module de circuit de protection et son procédé de fabrication

Publication

EP 2239800 A2 20101013 (EN)

Application

EP 09180593 A 20091223

Priority

KR 20080132517 A 20081223

Abstract (en)

A secondary battery with a protection circuit module and a manufacturing method thereof are disclosed. The secondary battery includes a bare cell, and a protection circuit board including a circuit board and a coupling member positioned at least one side in the longitudinal direction of the circuit board to couple the circuit board to the bare cell. The coupling member includes a coupler fixed to the circuit board, and first and second supports respectively extending from the coupler and spaced apart from each other in the longitudinal direction of the circuit board.

IPC 8 full level

H01M 10/04 (2006.01); **H01M 50/103** (2021.01); **H01M 50/147** (2021.01); **H01M 50/528** (2021.01)

CPC (source: EP KR US)

B23K 37/0443 (2013.01 - EP KR US); **H01M 10/425** (2013.01 - EP KR US); **H01M 50/103** (2021.01 - EP KR US); **H01M 50/147** (2021.01 - EP KR US); **H01M 50/528** (2021.01 - EP KR US); **H01M 50/572** (2021.01 - KR); **H01M 2200/106** (2013.01 - EP KR US); **Y02E 60/10** (2013.01 - EP KR); **Y02P 70/50** (2015.11 - EP KR); **Y10T 29/49108** (2015.01 - EP US)

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US 2010159291 A1 20100624; **US 8652661 B2 20140218**; CN 101764248 A 20100630; CN 101764248 B 20130213; EP 2239800 A2 20101013; EP 2239800 A3 20110126; EP 2239800 B1 20130220; KR 101023873 B1 20110322; KR 20100073762 A 20100701

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